

Figure 1 consists of 12 histograms arranged horizontally, each representing a different value of  $n$  from 10 to 120. The x-axis for all histograms is labeled 'x' and ranges from 0 to 120. The y-axis is labeled 'count' and ranges from 0 to 100. The histograms show that as  $n$  increases, the distribution of the number of non-zero elements in the vector  $x$  becomes more concentrated around zero. For  $n=10$ , the distribution is broad and centered around 5. As  $n$  increases, the peak at zero becomes more prominent, and the distribution narrows. By  $n=120$ , the distribution is very narrow and centered at zero, with a peak count of approximately 100.

**Machine Format: Pentium PC that runs Windows 2000, IIS, sqlserver or MSAccess database**



05/29/01	12:26p		cddir.txt	696	LOGINF.ASP
05/29/01	12:26p			779	LOGOFF.ASP
05/29/01	12:26p			1,305	MOVE.ASP
05/29/01	12:26p			2,875	NATURA~1.INC
05/29/01	12:26p			20,896	NEW_LE~1.ASP
05/29/01	12:26p			6,679	NL_MENU.ASP
05/29/01	12:26p			6,506	NL_REA~1.ASP
05/29/01	12:26p			948	NL_USE~1.INC
05/29/01	12:26p			1,425	NOTAVA~1.ASP
05/29/01	12:26p			1,224	NOTEPAD.ASP
05/29/01	12:26p			575	OVFL_T~1.INC
05/29/01	12:26p			29,357	PATIENT.ASP
05/29/01	12:26p			4,368	PERSONAL.INC
05/29/01	12:26p			6,963	PREVCO~1.ASP
05/29/01	12:26p			1,458	PREVU.INC
05/29/01	12:26p			17,539	PREVU_T1.ASP
05/29/01	12:26p			16,732	PREVU_T2.ASP
05/29/01	12:26p			22,602	PREVU_T3.ASP
05/29/01	12:26p			18,461	PREVU_T4.ASP
05/29/01	12:26p			19,939	PREVU_T5.ASP
05/29/01	12:26p			19,185	PREVU_T6.ASP
05/29/01	12:26p			18,888	PREVU_T7.ASP
05/29/01	12:26p			17,370	PREVU_T8.ASP
05/29/01	12:26p			19,895	PREVU~1.ASP
05/29/01	12:26p			16,397	PREVU~1.INC
05/29/01	12:26p			16,130	PROFILE.ASP
05/29/01	12:26p			32,089	REFDB1.SQL
05/29/01	12:26p			13,508	REFDEM~1.ASP
05/29/01	12:26p			8	REFERRAL.INI
05/30/01	10:38a	<DIR>			REFERR~1
05/29/01	12:26p			20,993	REGISTER.ASP
05/29/01	12:26p			25,735	RENDER.INC
05/29/01	12:26p			3,426	REPLY.ASP
05/29/01	12:26p			1,991	SAVELO~1.ASP
05/29/01	12:26p			22,809	SAVE_C~1.ASP
05/29/01	12:26p			1,168	SAVE_P~1.ASP
05/29/01	12:26p			1,480	SAVE_T~1.ASP
05/29/01	12:26p			843	SEL_CL~1.INC
05/29/01	12:26p			2,852	SENDOR~1.ASP
05/29/01	12:26p			4,129	SEND_T~1.ASP
05/29/01	12:26p			1,311	STANDA~1.CSS
05/29/01	12:26p			4,868	STUFF.ASP
05/29/01	12:26p			7,419	STUFF2.ASP
05/29/01	12:26p			1,181	SUBS.INC
05/29/01	12:26p			3,301	SUPPORT.ASP
05/29/01	12:26p			12,024	TRASH.ASP
05/29/01	12:26p			4,120	UPLOAD.ASP
05/29/01	12:26p			2,287	VIEW_N~1.ASP

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**F**

05/30/01 10:38a

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<DIR>
<DIR>
4,024 60212G~1.GIF
6,843 ADSPACE.GIF
6,843 ADSPACE.TS
133 ARON.GIF
386 ARROWL~1.GIF
177 A_DOWN.GIF
206 A_UP.GIF
1,246 BABY_S~1.GIF
99,023 BG.GIF
824 BLANK.GIF
5,566 BN10.GIF
5,538 BN10~1.HTM
1,153 BN_IN~1.HTM
55,550 BODY_BG.JPG
2,491 BU0659~1.GIF
9,300 BU10A9~1.JPG
1,754 BU10DB~1.GIF
2,458 BU11AD~1.GIF
1,821 BU1A51~1.GIF
2,653 BU1EAE~1.GIF
2,703 BU283C~1.GIF
2,646 BU2C34~1.GIF
2,771 BU2FC8~1.GIF
2,343 BU31F0~1.GIF
2,726 BU36CA~1.GIF
9,280 BU3738~1.JPG
2,875 BU3773~1.GIF
2,860 BU3E70~1.GIF
1,845 BU4F01~1.GIF
2,861 BU5176~1.GIF
2,933 BU57C5~1.GIF
2,799 BU57E8~1.GIF
2,752 BU5DE7~1.GIF
9,282 BU62CE~1.JPG
2,863 BU669A~1.GIF
2,624 BU68C2~1.GIF
2,512 BU6B03~1.GIF
2,705 BU6B7B~1.GIF
2,705 BU7258~1.GIF
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[illegible]

2,653 BU7309~1.GIF  
2,735 BU7561~1.GIF  
2,546 BU7598~1.GIF  
2,271 BU85E5~1.GIF  
2,879 BU8626~1.GIF  
2,852 BU86ED~1.GIF  
2,760 BU8CBE~1.GIF  
2,603 BU937A~1.GIF  
1,042 BU95AE~1.GIF  
2,682 BU9AE3~1.GIF  
2,796 BU9B2C~1.GIF  
2,642 BU9DF3~1.GIF  
2,737 BUA70C~1.GIF  
2,543 BUAA48~1.GIF  
1,170 BUAF2C~1.GIF  
2,319 BUB538~1.GIF  
2,593 BUBA36~1.GIF  
2,613 BUC2B3~1.GIF  
2,766 BUC2FB~1.GIF  
2,819 BUCC71~1.GIF  
1,166 BUD4E7~1.GIF  
2,737 BUD9B7~1.GIF  
2,786 BUDAE3~1.GIF  
2,262 BUEA5D~1.GIF  
2,781 BUEF83~1.GIF  
2,782 BUF131~1.GIF  
2,329 BUF1DC~1.GIF  
2,643 BUF461~1.GIF  
2,738 BUF902~1.GIF  
2,841 BUF919~1.GIF  
2,847 BUFA36~1.GIF  
2,553 BUTTON~1.GIF  
693 BUTTON~1.JPG  
2,557 BUTTON~2.GIF  
7,034 BUTTON~2.JPG  
2,849 BUTTON~3.GIF  
6,979 BUTTON~3.JPG  
2,886 BUTTON~4.GIF  
9,271 BUTTON~4.JPG  
887 CHECK0.GIF  
1,590 CHECK1.GIF  
3,752 CHERRIES.GIF  
871 CHKMRK.GIF  
9,555 DLF-AT~1.GIF  
2,029 FINANC~1.GIF  
7,055 GENTLE~1.JPG  
14,784 HOME\_TOP.JPG  
3,821 HOUSE ~1.GIF

05/29/01 12:26p

cddir.txt

05/29/01	12:26p	2,956	HP_VAL~1.GIF
05/29/01	12:26p	11,929	IMEDICA.GIF
05/29/01	12:26p	1,944	LOGO.GIF
05/29/01	12:26p	5,044	MONEYT~1.GIF
05/29/01	12:26p	5,834	MVS053~1.GIF
05/29/01	12:26p	5,958	NATURE.GIF
05/29/01	12:26p	858	NEWMAIL.GIF
05/29/01	12:26p	114	NEXT2.GIF
05/29/01	12:26p	184	NP2.GIF
05/29/01	12:26p	4,625	ONHE-B~1.GIF
05/29/01	12:26p	13,431	OPTIN~1.GIF
05/29/01	12:26p	1,736	PHONE.GIF
05/29/01	12:26p	316	PT_RIGHT.GIF
05/29/01	12:26p	871	READMAIL.GIF
05/29/01	12:26p	13,634	REFERB~1.GIF
05/29/01	12:26p	6,045	SILICO~1.GIF
05/29/01	12:26p	43	SPACER.GIF
05/29/01	12:26p	364	SSLEFT.GIF
05/29/01	12:26p	5,250	TITLE.GIF
05/29/01	12:26p	1,760	VSSVER.SCC
05/29/01	12:26p	8,507	WHITE.GIF
05/29/01	12:26p	3,044	ZOO.GIF
		111	File(s)
		523,620	bytes

Directory of D:\REFERR~1

05/30/01	10:38a	<DIR>	.
05/30/01	10:38a	<DIR>	..
05/29/01	12:26p		27,880 COMP_L~1.ASP
05/29/01	12:26p		70 FOOTER.INC
05/29/01	12:26p		19,670 HEADERV.B.INC
05/30/01	10:38a	<DIR>	IMAGE
05/29/01	12:26p		9,833 LOOKUP.ASP
05/29/01	12:26p		3,903 PSDOCT~1.ASP
05/29/01	12:26p		822 REFERRAL.INC
05/29/01	12:26p		6,525 REF_LO~1.ASP
05/29/01	12:26p		7,605 SAVE_L~1.ASP
05/29/01	12:26p		603 SAVE_P~1.INC
05/29/01	12:26p		6,728 SELECT~1.ASP
05/29/01	12:26p		4,573 SEND_FAX.ASP
05/29/01	12:27p		208 VSSVER.SCC
		15	File(s)
		88,420	bytes

Directory of D:\REFERR~1\IMAGE

05/30/01	10:38a	<DIR>	.
05/30/01	10:38a	<DIR>	..
05/29/01	12:27p		1,559 LOGO.GIF

05/29/01 12:27p

4 File(s)

cddir.txt

48 VSSVER.SCC

1,607 bytes

Total Files Listed:

223 File(s)

1,385,809 bytes

0 bytes free

098713215.053004